

Product Specification



MJ400R

Recycling Jaw Crusher Module

Jaw Crusher

- Terex TJ2844R Chamber C/W standard Super Tooth liner profile
- 1100mm (44") x 700mm (28") Jaw Chamber pre mounted on sub frame assembly with motor, belts, and drive guard
- Fabricated Main frame with bolt on bearing cartridges
- Direct Electrically driven jaw crusher via belt system
- Manual hydraulically assist closed side setting via shims
- Hydraulic overload protection
- Wedge & through bolt liner retention system on the fixed & the swing liner.
- CSS opening range 50mm(2") to 125mm(5")
- 110kW (150HP) WEG Crusher Duty motor 380 - 415 Volts 3-Phase 50Hz

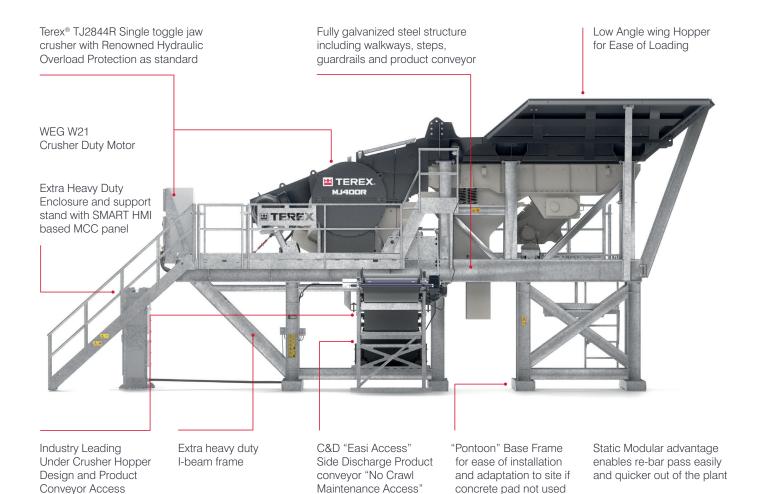
Module Structure

- Bolt together on-site, quick setup time with basic tools
- One-piece crusher feed chute with plug welded AR liners and chamber guard
- Fines bypass "tool less" 2-position chute discharges to product conveyor or optional third party fines conveyor
- Galvanized and painted steel structure c/w walkways, steps, platforms, and guard rails
- Pre-wired "plug and play" design, minimal onsite wiring
- Heavy Duty Ground Mounted Electrical Control Panel and Plant wiring giving Manual/ Automatic Control of Jaw Module operation
- Emergency Stop Stations
- Observation Platform
- CE compliant module structure and components

| Jaw Crusher | |
|---------------------|--|
| Motor Size | 110kw (150hp) |
| Feed Opening | 28" x 44" (700mm x 1100mm) |
| Crusher Weight | 36,000lbs (16,300kg) (Dry Weight) |
| Setting Range | *2"-6" (*50mm to 150mm) (*Pending Application) |
| Capacity | 127 – 281stph (115-255mtph) |
| Standard Adjustment | Shim Hydraulic Assist c/w Hydraulic Overload Release |
| Frame Style | Welded |
| Lubrication System | Greased |
| | |



It's all about the access...



Vibrating Grizzly Feeder

- Spring mounted stepped vibrating pan and grizzly feeder
- Vibrating unit: twin heavy-duty cast eccentric shafts running in spherical roller bearings
- Wear resistant side and floor liner plates
- V-belt drive, 20 hp (15kW) motor with guard
- Length: 4.314' (4.3m); feeder width: 42" (1.06m)
- Total Stepped Grizzly length: 7' (2.12m);
- Two replaceable stepped cartridge grizzlies 75mm (3") nominal aperture tapered
- Under-screen: screen mesh standard

Discharge Conveyor

- Side Discharge: standard non-drive side
- 1050mm wide (42") "Toughflex" EPP630 (360PIW) 2-ply belt
- 11kw (15 hp) electric drive motor
- Impact bars at feed point & AR liners at crusher feed point
- Belt scraper at head drum & Skirted at hopper feed area
- Slide-Back under crusher hopper discharge unit to remove rebar

Hopper

 Hopper body 20mm (3/4") AR 400 construction with reinforcing ribs: 4 yd3 (3.05m3) standard hopper capacity

MJ400R Optional Items

- Extended Product conveyor dual drive option for feeding modular plant (contact factory for details)
- 3 piece AR400 construction Wing Hopper extensions increasing hopper capacity to approx. 8.41m3 (11 yd3)
- Twin Pole Magnet and Off Plant Support Stand kit
- Bulkhead
- Deduct of Modular Switchgear Panel and wiring.



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